

**Dr. Duke's Phytochemical and Ethnobotanical Databases**

**List of Plants for XYLOSE**

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Abies spectabilis</i>	Wood				Wealth of India.
<i>Acacia nilotica</i>	Fruit				--
<i>Achyranthes aspera</i>	Plant				--
<i>Aesculus hippocastanum</i>	Seed				--
<i>Agave americana</i>	Plant				--
<i>Allium cepa</i>	Bulb				Sinha, A. 1959. Chemical Examination of <i>Allium cepa</i> . I. Glycosidic and Sugar Fractions. <i>Indian J. Appl. Chem.</i> , 22: 89-91.
<i>Allium sativum</i> var. <i>sativum</i>	Root				Wealth of India.
<i>Aloe vera</i>	Leaf				--
<i>Aloe vera</i>	Plant				Leung, A.Y., <i>Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics</i> , John Wiley & Sons, New York, 1980.
<i>Althaea officinalis</i>	Plant				Pakistan Encyclopedia Planta Medica. 1986.
<i>Ammi visnaga</i>	Plant				--
<i>Anacardium occidentale</i>	Gum				--
<i>Anogeissus latifolia</i>	Plant				--
<i>Apium graveolens</i>	Plant				Pakistan Encyclopedia Planta Medica. 1986.
<i>Artemisia dracunculus</i>	Leaf				--
<i>Artemisia dracunculus</i>	Root				--
<i>Arundo donax</i>	Stem				--
<i>Balanites aegyptiacus</i>	Seed				--
<i>Beta vulgaris</i>	Leaf				List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Capparis spinosa</i>	Plant				--
<i>Capsella bursa-pastoris</i>	Plant				--
<i>Capsicum frutescens</i>	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Capsicum annuum</i>	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Carum carvi</i>	Seed				Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
<i>Catalpa ovata</i>	Wood				--
<i>Caulophyllum thalictroides</i>	Plant				Jim Duke's personal files.
<i>Ceratonia siliqua</i>	Fruit	6900.0	16100.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Citrus paradisi</i>	Fruit				--
<i>Citrus sinensis</i>	Fruit				--
<i>Commiphora myrrha</i>	Resin, Exudate, Sap				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
<i>Conium maculatum</i>	Plant		46000.0		--
<i>Cycas revoluta</i>	Stem				--
<i>Daphne genkwa</i>	Root				--
<i>Daucus carota</i>	Root				--
<i>Dianthus barbatus</i>	Shoot				--
<i>Ficus carica</i>	Leaf				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
<i>Ginkgo biloba</i>	Wood				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of <i>Glycyrrhiza-glabra</i> . Nippon Gogeikagaku Kaishi 61(9): 1119-1122.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Glycine max	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Hibiscus sabdariffa	Calyx				Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Jatropha curcas	Seed				--
Juniperus macropoda	Fruit				=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
Lawsonia inermis	Leaf				--
Mahonia japonica	Tissue Culture				Iriki, Y., Fukuda, Y., Kakizaki, K., Nakazawa, M., Uesugi, Y., Kozu, T. 1984. Phytochemical Study of the Cell Wall of Berberidaceae. Nippon Nogeikagaku Kaishi, 58(4): 367-371.
Malus domestica	Plant				--
Matricaria recutita	Plant				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
Medicago sativa	Plant				--
Mercurialis annua	Plant				--
Musa x paradisiaca	Fruit				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
Nicotiana tabacum	Root				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Ocimum tenuiflorum	Seed				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ocimum basilicum	Seed				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
Ocimum sanctum	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Opuntia ficus-indica	Fruit				--
Opuntia ficus-indica	Gum				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Oryza sativa	Seed				--
Panax ginseng	Tissue Culture				--
Panax ginseng	Root				--
Panax quinquefolius	Root				--
Phoenix dactylifera	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Phytolacca americana	Root				--
Pinus sylvestris	Leaf		200.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Pinus mugo	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Plantago ovata	Seed	460000.0	800000.0	1.0	Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Platycodon grandiflorum	Root				--
Polygala senega	Root				--
Prunus armeniaca	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Psidium guajava</i>	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Pteridium aquilinum</i>	Plant				--
<i>Robinia pseudoacacia</i>	Leaf				--
<i>Rosa canina</i>	Seed				--
<i>Rubus idaeus</i>	Fruit				--
<i>Salix alba</i>	Wood				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Senna obtusifolia</i>	Seed		2460.0	-1.0	--
<i>Serenoa repens</i>	Fruit				--
<i>Strychnos nux-vomica</i>	Seed				--
<i>Symphytum officinale</i>	Root				--
<i>Syzygium aromaticum</i>	Essential Oil				--
<i>Taraxacum officinale</i>	Plant				--
<i>Terminalia chebula</i>	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Tetrapanax papyrifera</i>	Pith				--
<i>Teucrium polium</i>	Plant				Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
<i>Theobroma cacao</i>	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Trifolium pratense</i>	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
<i>Trigonella foenum-graecum</i>	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Triticum aestivum	Plant				--
Tussilago farfara	Leaf				--
Tussilago farfara	Flower				--
Urginea indica	Tuber				--
Urtica dioica	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
Vigna radiata	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Viola tricolor	Plant				--
Vitis vinifera	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Zea mays	Plant				--